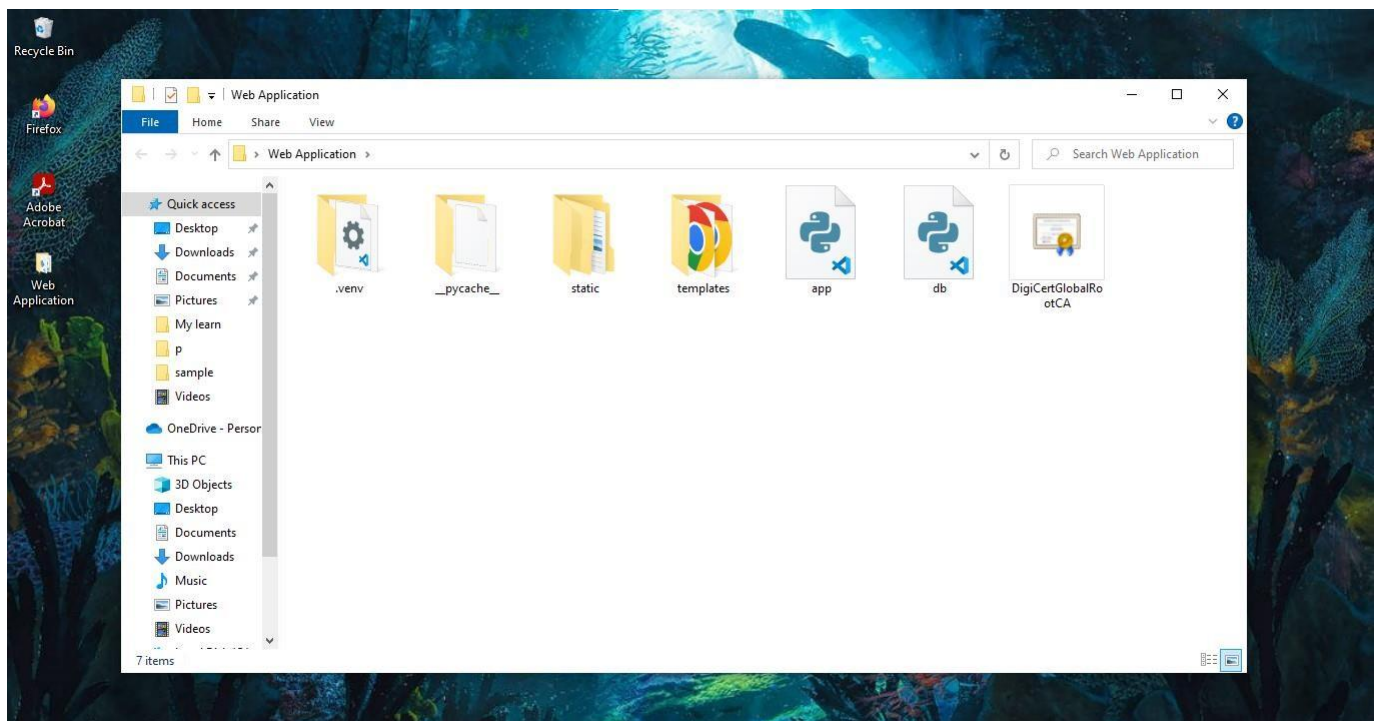


SPRINT-1

ENVIRONMENTAL SETUP

Date	18 Nov 2022
Team ID	PNT2022TMID28288
Project Name	PLASMA DONOR APPLICATION

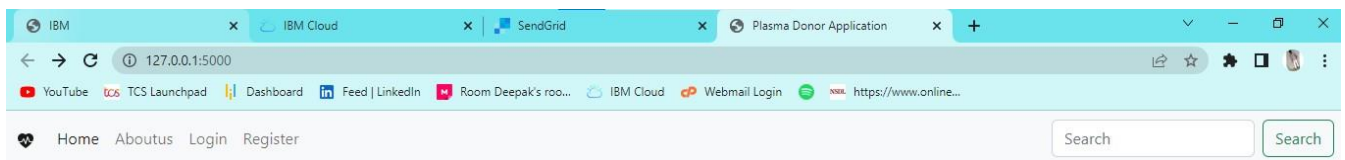
FLASK SETUP:



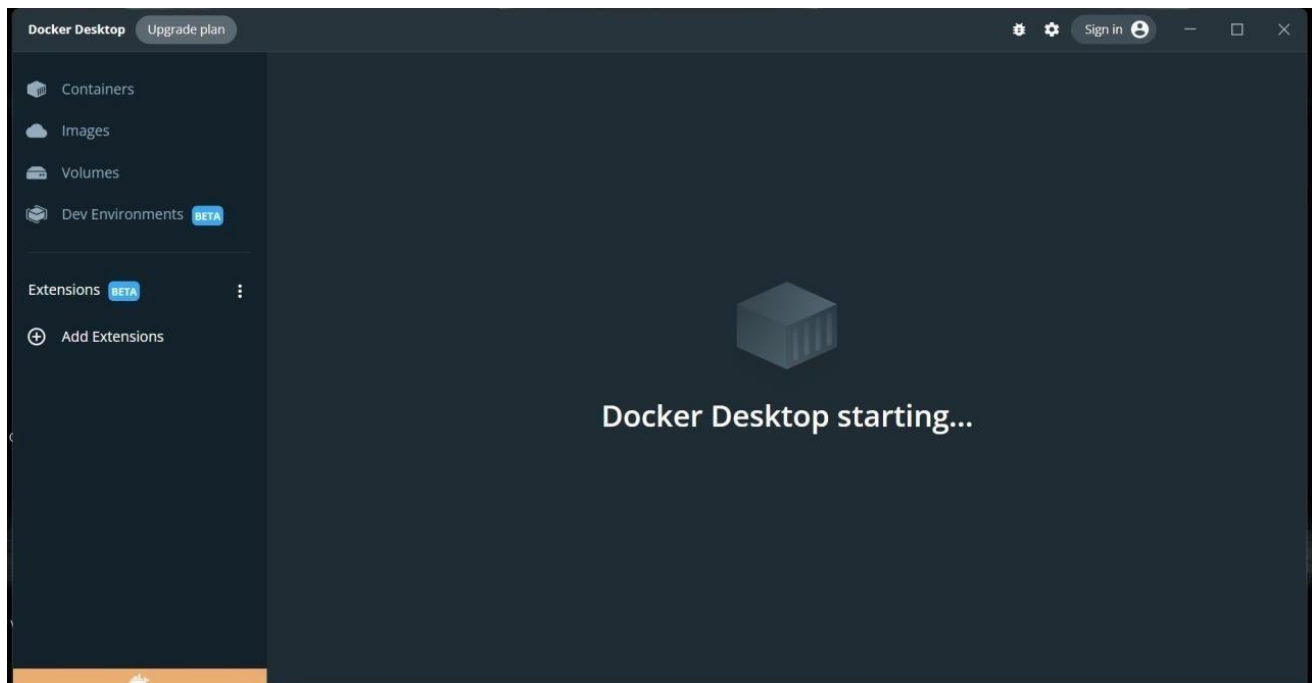
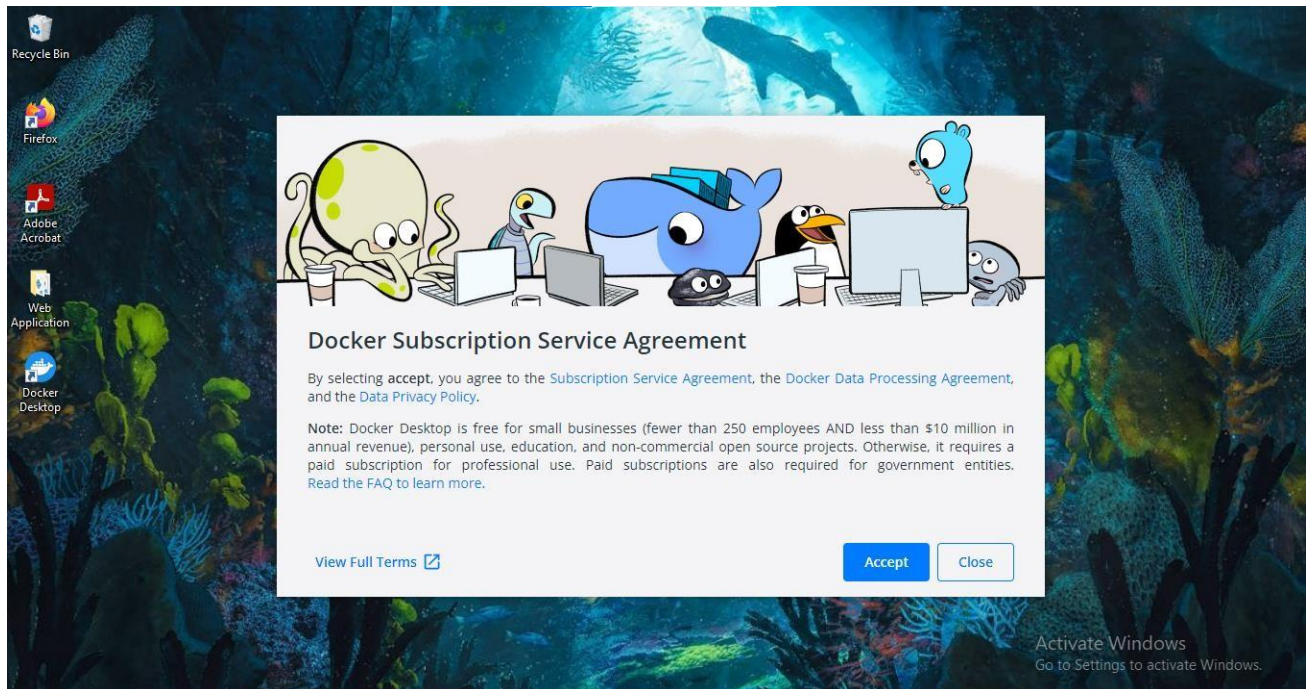
The screenshot shows the Visual Studio Code interface with a Python web application. The Explorer sidebar on the left shows the project structure: 'app.py' is the main file, and there are subfolders for 'WEB APPLICATION' containing 'static' and 'templates', and a 'db.py' file. The main editor displays the code for 'app.py'.

```
1 from flask import Flask, render_template, url_for, redirect, request
2
3 app = Flask(__name__)
4
5
6 @app.route("/")
7 def home():
8     return render_template("home.html")
9
10 @app.route("/login")
11 def login():
12     return render_template("login.html")
13
14
15
16 @app.route("/register/", methods=['GET', 'POST'])
17 def register():
18
19     if request.method == 'POST':
```

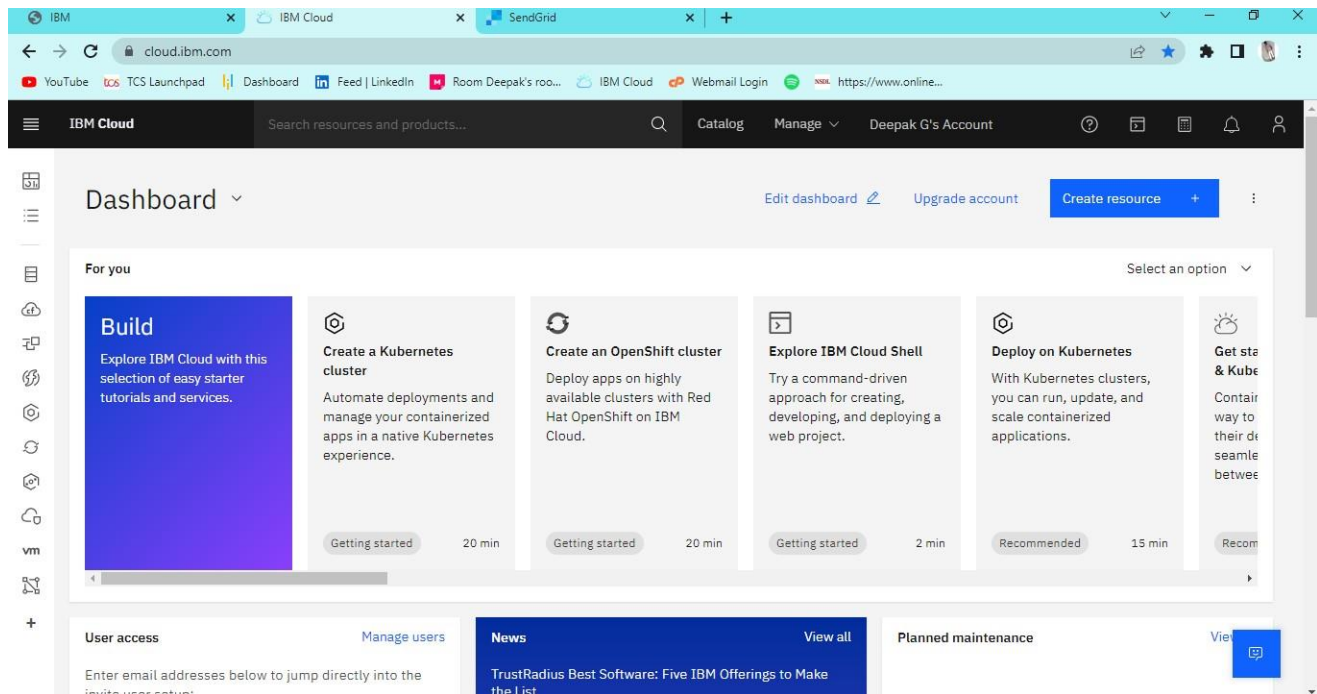
The bottom panel shows the TERMINAL output, indicating the application is running on http://127.0.0.1:5000. The status bar at the bottom indicates the file is at Line 47, Column 32, using UTF-8 encoding and CRLF line endings, with a Python 3.10.8 64-bit (microsoft store) interpreter.



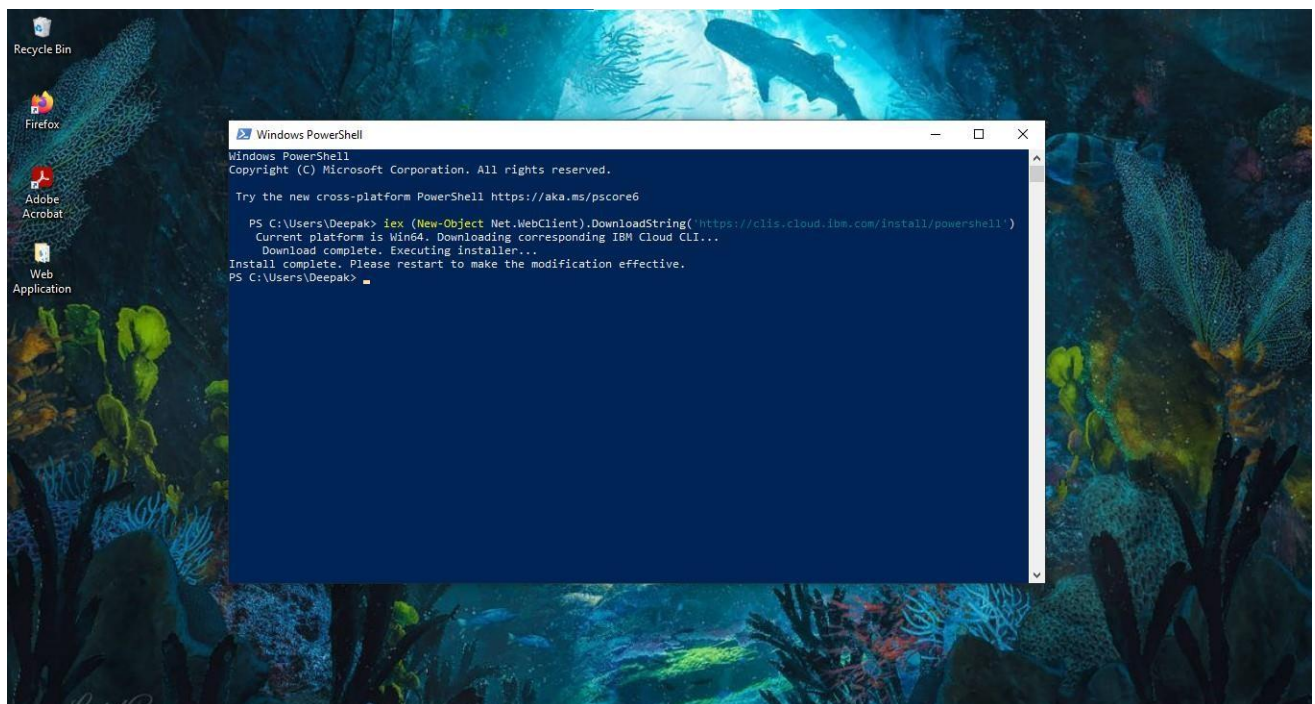
DOCKER SETUP:



COLUD ACCOUNT CREATION:



IBM CLOUD CLI INSTALL:



SENDGRID ACCOUNT CREATION:

The screenshot shows a web browser window with the URL `app.sendgrid.com/settings/api_keys`. The browser's address bar and tabs are visible at the top. The page has a light blue header with the SendGrid logo and a 'Create API Key' button in the top right corner. On the left side, there is a sidebar menu with the following items: 'Deepak raj' (with a dropdown arrow), 'Dashboard', 'Email API' (with a dropdown arrow), 'Marketing' (with a dropdown arrow), 'Design Library', 'Stats' (with a dropdown arrow), 'Activity', 'Suppressions' (with a dropdown arrow), 'Settings' (with a dropdown arrow), and 'Account Details'. The main content area is titled 'API Keys' and contains a table with the following columns: 'NAME', 'API KEY', and 'ACTION'. The table has one row with the following data: 'NAME' is 'plasmadonorapp', 'API KEY' is 'API Key ID: 4p_cMb2BTxSndNMbtntuT6Q' (with a copy icon to its left), and 'ACTION' is a settings gear icon with a dropdown arrow to its right.

NAME	API KEY	ACTION
plasmadonorapp API Key ID: 4p_cMb2BTxSndNMbtntuT6Q	▾